

WRENCHES

Billings & Spencer Wrench Sales Board No. 3



677 678 The board is designed to hang in a convenient position back of the counter, or to stand up on the floor.

It is handsomely finished with trademark at the top.

The wrenches hang in one-half dozen lots and they are selected as being the sizes and styles most in demand.

The dealer is entitled to one of these boards free on condition that he purchase the wrenches complete as per list, full finished, and in lots of one-half dozen each.

A printed card giving the number, bolt sizes and milled openings of the wrenches as placed on the board will be furnished with each board.

No. 3 B.&S. Wrench Sales Board, complete with 6 each of the 35 sizes (210 in all) full finished wrenches as shown by list that follows, each . D.P. 8123.00

Prices are also given for wrenches when desired without the board.

15° Double Head Wrenches

No. 287Sp. 291Sp. 297Sp. 297Sp. 301Sp.	% 1/2	Set Screws 36&36 18 4&76 115&116	Sq. Hd. Caps 144.34 164.16 564.34	Hex. Hd. Caps 1846 18 1447 18 1441 1841	A.L. A.M. 14& (a. 15& (b. 15& (b. 15& (b. 15& (b.	S.A.E. fe \$\frac{3}{2}\text{i}{\frac{1}{2}\text{deffe}} \frac{1}{2}\text{deffe} \$\frac{3}{2}\text{deffe} \frac{1}{2}\text{deffe} \$\frac{1}{2}\text{deffe}	MTd Op'gs %&% %&% %&% {&	Fu Fi Ea D.P. D.P. D.P. D.P.	n. ch
	15°	Doubl	e He	ad V	Vren	ches	(Thi	n)	
1350 1352 1354 1356 1358	1942 14 1446 16 1846 16 1846 16 1846 16	111111	11111				11&14 14&11 11&11 11&11 11&11	D.P. D.P. D.P. D.P. D.P.	,31 ,42 ,56 ,56
		15° D	ouble	He	ad W	Vrenc	hes		
285 287 280 291 203 295 295 298	166 da 166 da 166 da 166 da 166 da 166 da 166 da 166 da 166 da			****** ***** ***** **** ****	 24	76 76 76 76 884 34 87 8	\$46.15 \$26.15 \$26.15 \$26.16 \$46.35 \$56.14 \$16.174	D.P. D.P. D.P. D.P. D.P. D.P.	.27 .81 .40 .49 .58 .67 .80 1,29
	1	5° Do	ouble	Hea	d W	renc	hes		
675	14		fede 3	1445	10	****	140.54	D.P.	.36

General Service Wrenches

550				1/46/6	34434		.29
551	******	Talk i's	Da.	Budia.	140014	D.P.	.49
552		0.003	1600	Sale in	 3 pt 3 8	D.P.	.62
564			3,	Salelle	 150:1	D.P.	.76
551		Takel	Judet.	940076	11,4114	D.P.	.98
660		Litter	6001	34	3,60,70	D.P.	.29
661				1000	140614	D.P.	.38
662		350.00					.49
063					3/4/4	D.P.	.62
664		78.7	56	Post in			.76

Billings & Spencer Wrench Sales Board No. 4



No. 4 B. & S. Wrench Sales Board complete with 6 each of 21 sizes (126 in all) full finished wrenches as shown by list that follows:

Per Board, complete......D.P. \$71.90

Prices are also given when wrenches are wanted without board.

General Service Wrenches

No.	U.S.S. Bolt Sizes		Sq.Hd. Caps			S.A.E.	MTd Op'gs	Fu Fin East	n.
660	30660	3647	1444	18614	14	34	$^{3}ik_{16}^{A}$	D.P.	\$0.29
661		1544	3/4/4	$A_0 k^3 i$	A43	A4.	1/2/2/18	D.P.	.38
662	C. (241000)	56	1-26-74	74	7	r vk	56411	D.P.	.49
663		3%	56	3/2/6/4	36	36	3441	D.P.	.62
664		7.6	34	5%	443	i Addi	36818	D.P.	.76
-									

General Service Wrenches

000	200000	200.10	40.10	190.4	-4	-4	24.14	4	
661	Section	1/26/14	3,44%	$^{A}_{16}\delta t^{3}s$	$A_{i} \delta c_{i}^{2} \leq$	$A\delta^{1}\hat{x}$	356%	D.P.	.38
662	+000	54	1/k/k	16	14	Tr.	26814	D.P.	.49
563	10000	34476	$^56k^3i$	$^{1}2k^{5}s$	$^{1}2k_{16}^{\Lambda}$	$1/2k\sqrt{n}$	54474	D.P.	.62
553Sp.					36	56636	₩1½	D.P.	.76

15° Double Head Wrenches

499	-0.00	16476	$f_0 k_{16}^2$	14436	36	$^{1}4k^{3}i$	$\vec{\psi}_0 k \vec{\psi}_0$	D.P.	80.35
290	34838	14	1,4%	Å	$f_{\epsilon}k_{i\epsilon}$	1/6	3/2/6/12	D.P.	.43
292	$\hbar dt \hbar$	******			1000	10000	\\$&3^	D.P.	.54
508	4	36634	36436	16612	15	76k12	3/6/2/4	D.P.	.60
517	35	76&1	34	16614	A& 11	1406 12	3661	D.P.	.98
301	566%	134	1	1	34	34434	14681%	D.P.	1.29

15° Double Head Wrenches

495		28648	saleste.	1,987	34	74	3.847.4	D.P.	.01
500	14	$1_2k_3^*$	3 6 1/4	1.634	14836	444	364/4	D.P.	.40
508Sp.		36	$1/2k/\hbar$	1/4/2	ıŧε	1/6	56811	D.P.	.60
514	34	34474	56436	39438	3644	3644	34836	D.P.	.76
299Sp.	96			20.00	56	56827	18.61A	D.P.1	1 .98

\$4.0% D.P. .76 \$4.1% D.P. .87 14.1% D.P. 1.29



BILLINGS & SPENCER WRENCHES

Wrench Sales Board No. 5

For T Handle Socket Wrenches

The board is designed to hang in a convenient position back of the counter, or to stand up on the floor.

It is handsomely finished with trademark at the top.

The wrenches hang in convenient lots, and they are selected as being the sizes and styles most in demand.

Board No. 5 contains 35 Socket Wrenches, comprising three wrenches each of 9 sizes, and two each of the remaining 4 sizes.

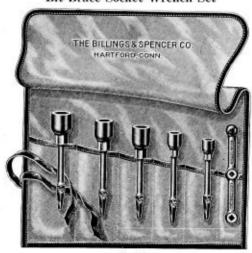
The dealer is entitled to one of these boards free on condition that he purchase the wrenches on the board as stated above. A printed card giving the number, bolt sizes, milled openings, etc. of the wrenches as placed on the board will be furnished with each board.

No. 5 B. & S. Socket Wrench Sales Board, complete with 35 full finished socket wrenches,

Each....D.P. \$38.48

	Hexa	igon Ope	nings						
Wrench No.	For U. S. Standard Nut; Size Bols	Screw: Diam.		Length Over All	Diam. Head	A. L. A. M.	S.'A. E.		Price Full jahed
723A	34	5-16	33-64	51/4	%	5-16	5-16	D.P.	\$0.72
724A	**	%	37-64	5%	76	96	%	D.P.	.80
724B	5-16	0	39-64	5%	76			D.P.	.80
725A		7-16	41-64	61/4	1		7-16	D.P.	.88
725B	%	77	45-64	61/6	1%	7-16		D.P.	.99
725C	(11)	3/2	49-64	61%	11/4	1/2	1/2	D.P.	.99
726A	7-16		51-64	τ	1%			D.P.	1.08
726B		9-16	53-64	7	11/4			D.P.	1.08
726C	1/2	56	57-64	7	11/4	9-16	9-16	D.P.	1.22
727A	9-16	12	63-64	736	11/2		.,	D.P.	1.38
727B		34	1 1/64	7%	11/2	11-16	11-16	D.P.	1.38
728A	%	0	1 5/64	8%	1%		%	D.P.	1.56
729A	%	1	1 9/32	91/6	1%	76	76	D.P.	2.11

Bit-Brace Socket Wrench Set



No. 16

22 Emogreen	U. S. Std.	graduugereenen		I.	rice
Number	Bolt Size	Openings	Length	Fit	nished
923A	4	33/64	42	D.P.	\$0.72
924B	10	39/64	51	D.P.	.80
925B	8	45/64	59	D.P.	.99
926A	778	51/64	53	D.P.	1.08
926C	3	57/64	6	D.P.	1.22
Handle .				D.P.	.67
Bag				D.P.	.67
Com	plete			D.P.	6.10

No. 0 Double-Acting Ratchet



A new high-grade combination tool for light work. Double-acting or reversible.

This Ratchet differs materially from those now on the market in that the change of sockets is quickly and easily made without the use of a wrench or other tool.

The tool includes two removable sockets for taper and square shank drills as shown in cut. The taper socket is No. 1 Morse taper, taking all sizes of taper shank twist drills from 18 to 19/32 inch. The square socket takes bit stock, square shank twist drills.

The tool is drop-forged and properly finished. All working parts are hardened, and the tool is thoroughly high grade in all respects.

No. 0 Ratchet, 8-inch handle, including taper and square sockets, complete..... Complete....D.P. \$11.10



WRENCHES



Billings & Spencer Wrenches

Set No. 2

	Wrench No.	For A. L. A. M. Sid. Nuts and Cap Screws. Size Bolt or Screw	Milled Openings, Inches	Length, Inches	Price, Finished D.P.
Set No.	550 551 552 553 554	14 & 64 14 & 14 16 & 8 & 16 16	38 & 32 16 & 11 84 & 16 18 & 1 15 & 14	614 814 914 1028 12	80-29 49-62 76-98

No. 21/2 B. & S. General Service Wrench Set

	Wrench No.	A. L. A. M.	SizeScrew S. A. E. Head & Nut	Milled Opening	Length	Price Fullfin, D.P.
Set No. 2%	660 661 662 563 552Sp.	\$6 80 0 0 \$6 80 0 0 \$6 80 0	14 84 % 14 84 % 14 84 14 15 84 14	88 & 10 10 & 12 11 & 11 12 & 14 11 & 14	$\begin{array}{c} 6^{1} & 4 \\ 7^{1} & 8 \\ 8^{1} & 4 \\ 9^{1} & 4 \\ 10^{3} & 8 \end{array}$	\$0.29 .38 .49 .62 .76

No. 4 B. & S. General Service Wrench Set

	No. of Wrench	Milled Openings, Inches	Length	Thickness of Head	Price. Unfin- ished	Price, Fin. D.P.
Set No.	660 661 662 663 664	34 8c 3c 36 8c 3c 5c 8c 15 34 8c 15 7c 8c 18	61 4 71 8 81 4 91 4 103 5	4	\$0 13 17 22 28 34	\$0.29 .38 .49 .62 .76

Price of Set No 4, full finished, in pasteboard

Special Canvas Bag for either setD.P.



No. 14

The B. & S. 15° Angle Double End Wrench

A. L. A. M. Standard Check Nut Wrenches

T	hi	n	Heads	s

No.	A. L. A. M. Std Nuts and Cap. Size Bolt or Screw	Milled Openings	Lengths	Thickness of Heads	Price, Full Finished D.P.
1350 W 1350 W 1350 W 1350 W 1362 W	14 & /k 2 & /k 2 & /k 1 & /k 2 & /k 2 & /k 3 & /k	14 & 14 A & 11 A & 11 B & 11 B & 11	43/9 53/9 7 83/9 10/19	0.00	\$0.31 42 56 74 18

Per set, No. 11. D.P.
Parallined Canvas Bag for Set No. 11, leather bound,
D.P. .D.P. 83.04



Billings & Spencer Set No. 7

These wrenches may be used in combination-a wrench on the screw head with another on the corresponding nut.

No.	Size of Screw	Milled Opening	Extreme Length	Thickness of Head	Price, Full Finish D.P.
490 290 292 508 517 801	14 & 34 14 & 34 6 & 10 18 & 34 18 & 34	15 & 15 15 & 15 15 & 15 15 & 15 15 & 15	$\begin{array}{c} 5 \\ 6 \\ 6 \\ 7 \\ \hline 10 \\ 12 \\ \end{array}$	14 10 10 10 10 10 10	\$0.38 .45 .54 .60 .96 1.29

Price per set of six in pasteboard box......D.P. \$4.22 Paraffined Canvas Bags for set No. 7, leather bound. D.P. .67



No. 8 B. & S. A. L. A. M. Wrench Set

No.	A. L. A. M. Std. Nuts and Cap Screws. Size Bolt or Screw	Milled Opening, Inches	Extreme Length	Thickness of Head	Price Finished D.P.
287Sp. 291Sp. 296Sp. 297Sp. 301Sp.	36 & ris	34 & 35 35 & 14 34 & 18 18 & 1 18 & 194	435 6 8 9 12	105 201 201 201 201 201 201 201 201 201	\$0.31 .49 .67 .80 1.29

Paraffined Canvas Bags for Set No. 8, leather bound, D.P. 51

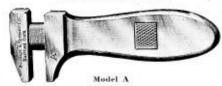
No. 81/2 Billings & Spencer Wrench Set

Wrench No.	Size Screw A. L. A. M. Head & Nut	Size Screw S. A. E Head & Nut	Milled Openings	Length	Price, Full Finish D.P.
495 500 508Sp. 514 299Sp.	14 & 94 14 & 16 14 & 16	14 % 16 % % 16 % %	8 & 10 15 & 10 64 & 15 14 & 16	43/2 5 7 8 10	\$0.81 .40 .60 .76 .18

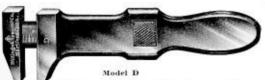


BILLINGS & SPENCER WRENCHES

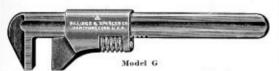
Model A Wrench







Adjustable Automobile Wrenches



Thickness Depth

Total

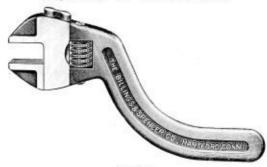
1	ength.	Opens,	of Jaw	of Jaw.		27.50
	In.	In.	In.	In.	Wei	
No. 1 6-in. Wrench	61	111	16	1	105	oz.
No. 2 8-in. Wrench	8	13	2	11	162	oz.
No. 3 10-in. Wrench	10%	276	70	11	12	lb.
No. 4 12-in. Wrench	124	23	16	11	- 77	lb.
No. 5 14-in. Wrench	147	218	16	13	4	1b.
No. 6 18-in. Wrench	184	316	15	21	7	lb.
No. 1 Model G B.&S. each	Wrei	nch, 8-i	nch,	full fi	mish,	0.90
each DozenD.P. \$17.76 No. 3 Model G B.&S. each	Wren		inch,	full fi	nish,	1.50
DozenD.P. \$21.32 No. 4 Model G B.&S. each	Wren	ch, 12-	inch,	full f	inish,	2.00
DozenD.P. \$31.97 No. 5 Model G B.&S. each	Wren		inch,	full fi	nish,	2.50

No. 6 Model G B.&S. Wrench, 18-inch, full finish,

Dozen....D.P. \$42.63

Dozen....D.P. \$60.50

Adjustable "S" Nut Wrenches



Model H

This wrench combines the advantages of a solid machine wrench with the convenience of an adjustable wrench. Every part is a drop forging, and the sliding jaw is fitted in a double groove, which greatly adds to the strength of the tool.

Adjustable Engineer's Wrench



Model F

6-inch B.&S. Adjustable Engineer's Wrench, Model F, \$-inch capacity, weight 4½ ounces, each........\$0.80 Dozen....D.P. \$13.88

8-inch B.&S. Adjustable Engineer's Wrench, Model F, 18-inch capacity, weight 91 ounces, each....... 1.25 Dozen...D.P. \$17.20

10-inch B.&S. Adjustable Engineer's Wrench, Model F, 1½-inch capacity, weight 1 pound, each 1.50 Dozen...D.P. \$21.32



BILLINGS & SPENCER WRENCHES AND TOOL KITS

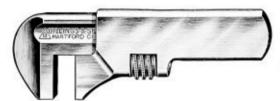
Adjustable Spanner Wrench



Drop forged; of the best steel for the purpose, strap polished and case hardened. The adjusting jaw is easily manipulated, and, when adjustment is made, held in place by a tempered steel spring in conjunction with the serrations cut on the under side of the wrench and the teeth of the jaw.

No.	Takes Circles Inches	Diameter of Pin Inches	Length of Pin Inches	Length of Wrench Inches	Each
0 Dozen	4 to 2 D.P. \$14.20	78 T#	8	7	\$1.00
1 Dozen	2 to 4 D.P. \$16.00	1	1	9	1.10
2 Dozen	2 to 4 D.P. \$17.76	r ⁵ s	ł	9	1.25
3 Dozen	2 to 4 [‡] D.P. \$26.64	4 x 3	4	10%	1.75

Wrench Model 97



For use on bicycles, motorcycles, automobiles, etc. B.&S. original design. Millions now in use. Model 97 B.&S. Wrench, 44-inch, 13-inch capacity, \$0.80

weight 51 ounces, nickel finish, each......

Dozen....D.P. \$12.00

Improved Combination Pliers



No. 1 B.&S. Combination Pliers, 6-inch, full nickel finish, each. Dozen....D.P. \$16.00 No. 2 B.&S. Combination Pliers, 8-inch, full nickel

finish, each. Dozen....D.P. \$23.98 No. 3 B.&S. Combination Pliers, 10-inch, full nickel

finish, each 1.75 Dozen... D.P. \$27.98 No. 4 B.&S. Combination Pliers, 14-inch, full nickel

finish, each. Dozen... D.P. \$39.96 Tool Kit



This kit is made up of tools specially adapted to use on Ford cars. They are selected from the wellknown Billings & Spencer drop forged line, insuring quality and durability. The bag is made of good quality of canvas, bound edges, and leather strap. The tools are as follows:

1 8-inch Auto Wrench

1 6-inch Combination Pliers

1 9-inch Screw Driver

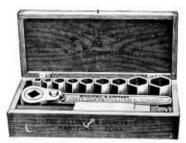
1 Double Head Wrench, openings 12-in. and 12-in.
1 Double Head Wrench, openings 2-in. and 2-in.
1 Double Head Spark Plug Wrench 2-in. and 13-in.
1 Double Head Hub Cap Wrench 116-in. and 12-in.

1 Socket Wrench, opening §-in. 1 8-ounce Ball Pein Hammer

1 Chisel, 1 Punch, 1 Cotter Pin Tool, 1 File

Each, including bag and tools as above..... Each....D.P. \$7,22

Allen Friction Wrench Set



Spark Plug Socket, Short Extension, Long Exten-sion, Special Box; 8 Pressed Steel Sockets, Specially Heat Treated.

Consists of the following sizes: 13-32, 17-32, 19-32, 11, 23-32, 25-32, 31-32, 15-32 in. hex.

No. 9 Allen Friction Wrench Set

Each...D.P. \$8.88

Allen Friction Ford Special Set

A strictly high grade Wrench Set for Ford cars.

The Allen Friction Wrench, with no lost motion, works in places where no ratchet wrench can be used. including all crank shaft bearings.

Ford Special Set. Each....D.P. \$8.88

Same as Size No. 9 except special sockets to fit nuts of the Ford automobile.